## (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



## 

(43) International Publication Date 6 November 2003 (06.11.2003)

PCT

## (10) International Publication Number

(51) International Patent Classification?:

WO 03/091380 A2

- (As) Withinghopper recent American
- (21) International Application Number: PCT/CA03/00617
- (22) International Filing Date: 24 April 2003 (24.04.2003)
- (25) Fiting Language:

Englist

**C12N** 

(26) Publication Lauguage:

English

(30) Priority Data: 60/374,786

24 April 2002 (24.04.2002) US

- (71) Applicant (for all designated States except US): BIO-GENTIS INC. [CA/CA]; 1336, rue Duquel, Sillery, Québoc G1S 1A9 (CA).
- (72) Inventors; and
- (75) Inventoral Applicants for US only): AUGEH, François,
  A. [CA/CA]; 1336, rue Duquet, Sillery, Québec GIS 1A9
  (CA). BERGERON, François [CA/CA]; 2051, rue Richer,
  apt. 12, Sainte-Foy, Québec GIV 2P5 (CA). GERMAIN,
  Lueie [CA/CA]; 232, du Trèlle, Saint-Augustin, Québec
  G3A 1H8 (CA).

- (74) Agent: OGILVY RENAULT; Suite 1600, 1981 McGill College Avenue, Montréal, Quebec H3A 2Y3 (CA).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KO, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, FH, PI, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KB, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AH, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, EE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BI, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NB, SN, TD, TG).

## Published:

 vilhout international search report and to be republished upon receipt of that report

Far ano-letter codes and other abbreviations, refer to the "Guidance Nates on Codes and Abbreviations" oppearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD FOR PREPARING TISSUE CONSTRUCTS

(57) Abstract: The present invention relates to a method of assembling a single living tissue sheet formed of different cell populations. According to this invention at least two cell populations composing at least two living tissue sheets can be assembled into a single continuous tissue construct. The cells of this construct can also be notologous or heterologous depending on the needs and the type of implant to be transferred in a recipient patient.

03/091380 A2